

PM-14

51639-31

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing dust, sprays, or vapors. Wash thoroughly with soap and water after handling. Remove and launder contaminated clothing before reuse. Do not allow children or pets to come into contact with treated surfaces until sprays have dried.

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed drink 1 or 2 glasses of water (or milk) and induce vomiting by touching the back of the throat with finger. If possible contact a physician, Poison Control Center, or emergency center before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to the nearest emergency treatment center. In case of eye contact, wash eyes immediately with fresh water for at least 15 minutes. See a doctor if irritation persists. If inhaled, remove person from exposure area for fresh contact, wash skin with plenty of soap and water.

Note to Physicians: Emergency Information — call 1-800-457-2022. Acaphate is a cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition appear, atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine but should not be used alone.

**WORKER SAFETY**

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR, AND CLEANING OF MIXING, LOADING AND APPLICATION EQUIPMENT, AND DISPOSAL OF THE PESTICIDE: chemical-resistant gloves, long sleeves shirt, long legged pants, shoes and socks. **WORKER SAFETY:** Always wash hands, face and arms with soap and water before eating, drinking or smoking. **AFTER WORK:** Before removing clothes wash hands, face and arms with soap and water before showering. Shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Personal and protective clothing worn during work must be laundered separately from household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use.

**ENVIRONMENTAL HAZARDS**

Keep out of any body of water.

**DIRECTIONS FOR USE**

Read label and directions of Federal Law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

**STORAGE AND DISPOSAL**

**PROHIBITIONS**

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

**STORAGE**

Store in original container. Do not put concentrate or dilute into food or drink containers. Store in cool, dry place. Protect from excessive heat. Do not store or transport near food or feed.

For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-457-2022.

**PESTICIDE DISPOSAL**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL**

After emptying (both inner packets and outer containers are empty, crush and dispose of in trash container.

General Information: Use ORTHENE PCO Spray Concentrate for residual pest control in the areas listed by application at a 0.75% or 1.0% spray. Use the 0.75% rate for control of light infestations on nonporous surfaces and the 1.0% spray to quickly reduce heavy infestations. Activity of porous surfaces may be limited. Repeat treatment as needed. Not for use in food processing areas in food handling establishments.

**Directions**

Apply within Residential Buildings including Homes and Apartments; and within Industrial, Institutional, and Commercial Buildings including Restaurants, Warehouses, Stores, Hospitals, Hotels, Manufacturing Plants and Ships.

Concentration	Grams Product	Ounces Product	No. of Packets
WL/WL	In 1 Gal. Water	In 1 Gal. Water	In 1 Gal. Water
0.75%	19.8	0.7	2
1.0%	26.4	0.9	3
1.5%	39.6	1.4	4

Countertops, Sinks, Sinks and Sinks: Apply as a coarse, low pressure spray to areas around doors and windows, storage areas, baseboards - other areas where these pests may enter or be found.



# ORTHENE®

## PCO Spray Concentrate

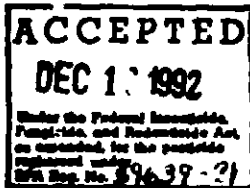
(INSECTICIDE)

For Use Only By Professional Applicators



Active Ingredient: Acaphate (O,S-Dimethyl acetylphosphorodithioate) 96%  
Inert Ingredients 4%  
\*ORTHENE, Acaphate U.S. Pat. No. 3,914,417  
ORTHENE — Reg. TM of Chevron Chemical Company for acaphate insecticide.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**  
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS



Manufactured by Valent U.S.A. Corporation • 1991  
Valent Creek CA 94596-8025  
Made in U.S.A.  
Form R-273 C EPA Est. 239 CA-1  
EPA Reg. No. 59639 31 AA

**NET WEIGHT 14 OUNCES  
(10/1.4 OUNCE PACKETS)**

...and behind baseboards; around and under sinks, dishwashers, wash machines, refrigerators, stoves and cabinets; areas where plumbing enters or leaves the room; or other areas inhabited by these pests.  
Note: A period of 3 to 7 days may be necessary for ORTHENE PCO SC Concentrate to reach its maximum effect on cockroaches.

Example, Pitbugs and Beetles: Apply as a coarse, low pressure spray to areas around doors and windows, storage areas, baseboards - other areas where these pests may enter or be found.

Pantry Pests—Exposed Stages (Combined Flour Beetle, Indian Meal Moth and Tribolium): Apply ORTHENE PCO Spray Concentrate at 1.0% as a spot application to pantry and cupboard shelves where food containers suspected of being infested are stored. Prior to spraying, remove all food stuffs, shelving paper and contents. Do not replace the food packs until the surface has dried. Replace shelving paper, infested food packages should be destroyed.

Wages: Apply ORTHENE PCO Spray Concentrate as a spot application 0.5% to 1.0% to the nest, nest entrance, and surrounding areas where the wasps might. Wasps are generally less active early and late in the day, so it is advisable that nests should be treated during the time.

Perimeter Treatment: To control Cockroaches, Ants, Pitbugs, and Termites apply ORTHENE PCO Spray Concentrate at 0.5% to 1.0% to a band of soil 6 to 10 feet adjacent to the structure, also to a height of 2 to 4 feet on the foundation where grubs may be active or may find entrance. Also, apply as a residual spray or with a paint brush to surfaces: buildings, window frames, shutters, entry ways, screens, eaves, patios, garages, carports, around garbage areas and other areas where the pests congregate.

For Application as Spot Treatment—Spot treatment may be applied moderate pressures (up to 35 psi) using a coarse fan tip. For spot treatments, no individual spot will exceed two (2) square feet.

Mix ORTHENE PCO Spray Concentrate according to dilution chart. Apply as a SPOT TREATMENT using coarse fan spray to areas inhabited by cockroaches: treat areas such as baseboards, under and behind refrigerators, stoves, dishwashers and other wet panes, as well as in storage areas, closets, sinks, cabinets, around windows, doors and water pipes. Spot treatment should also include underside of drawers, shelves and other areas where cockroaches frequent or travel.

Food Handling Establishments: For use in Federally Inspected Meat and Poultry Plants and places other than private residences in which exposed food is held, processed, prepared or sold.

Food Areas - Application Limited to Spot and/or Crack and Crevice Treatment Only: includes areas for receiving, storage, packing, canning, bottling, wrapping, heating, preparing, edible waste storage and cooking processing systems (meat, dairy, edible oils, chemical). Spray concentrate shall be limited to a maximum of 1.0% active ingredient. Apply in small amounts directly into cracks and crevices using equipment capable of delivering a penetration of insecticide in points between different elements of construction, between equipment and floor, openings leading into voids and hollow spaces in walls, equipment legs and bases, where labeled insects hide. Care should be taken to avoid depositing this product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces. Applications of this Product in the Food Areas of Food Handling Establishments, other than as a Spot and/or Crack and Crevice Treatment are not Permitted.

Non-Food Areas - Includes garbage rooms, lavatories, floor drains (to sewer entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage). Spray concentrate shall be limited to a maximum of 1.0% active ingredient. Apply to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, and similar areas where insects hide or through which they may enter.

Serving Areas - Facilities where prepared foods are served, such as dining rooms, but including areas where foods may be prepared or held. Apply as a spot treatment to sensitive surfaces such as baseboards, under elements of construction into cracks and crevices. Avoid spraying surfaces likely to be contacted by food. (Do not spray any facility in its operation or food are exposed.) Do not allow spray or mist to contact food, foodservice or other equipment. When not food handling operations should be thoroughly washed in soap and water if exposed to contamination by the application of this product.

Caution: Do not apply directly to carpet as deterioration may occur. Do not treat upholstered furniture items in poorly ventilated areas such as garages or basements, especially when moisture or high humidity exists since prolonged odor could develop.

IMPORTANT INFORMATION: READ BEFORE USING PRODUCT. LIMITED WARRANTY: 1. Valent U.S.A. Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Valent does not make any warranties, express or implied, concerning the MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.

2. Critical and unreasonable factors beyond Valent's control prevent it from obtaining all risks in connection with the use of the product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, loss of complete control over the handling and application of this product, loss of complete control over the handling and application of this product, loss of complete control over the handling and application of this product, loss of complete control over the handling and application of this product.

3. Critical and unreasonable factors beyond Valent's control prevent it from obtaining all risks in connection with the use of the product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, loss of complete control over the handling and application of this product, loss of complete control over the handling and application of this product, loss of complete control over the handling and application of this product.